Form PTO-1449					ATTY DOCKET NO. APPLICATION NO. NEW				
I	NFORMA	ATION DISCLO IN AN APPLI		SASAKI, Takashi et al.					
(Use several sheets if necessary)					July 21, 2003				
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER		Kind	DATE	NAME	CLASS	SUB CLASS	PILIN IF APPE	G DATE COPRIATE
8	US 6,336,873		B1	2002-01-08	Yamagishi et al.				
Z	US 6,210,292		B1	2001-04-03	Higuchi et al.				-
	US 5,967,908			1999-10-19	Yamagishi et al.)
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FOREIGN PATENT DOCUMENTS									
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	YES	LATION NO
	JP	2000-225209	A	2000-08-15	JP			ABS	
25	JP	2000-070414	A	2003-07-03	JP			ABS	
9	JP	11-057067	Α	1999-03-02	JP			ABS	
	EP	0 897 732	A2	1999-02-24	EP				
02	JP	10-305114	A	1998-11-17	JР			ABS	
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